



INFORMATION DISCLOSURE STATEMENT PTO-1449	ATTY. DOCKET NO. 44368-0005 C1	SERIAL NO. 10/737,245
	APPLICANT Palani Balu	
	FILING DATE 12/15/2003	GROUP 1656

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/CMK/	4,179,337	12/18/1979	Davis, et al	_____	_____	
*	4,301,144	11/17/1981	Iwoshita, et al.	_____	_____	
*	4,496,689	01/29/1985	Mitra	_____	_____	
*	4,612,132	09/16/1986	Wollenberg	_____	_____	
*	4,640,835	02/02/1987	Shimizu, et al.	_____	_____	
*	4,670,417	07/02/1987	Iwaski	_____	_____	
*	4,677,195	06/30/1987	Hewick, et al	_____	_____	
*	4,703,008	10/27/1987	Lin, et al	_____	_____	
*	4,791,192	12/13/1988	Nakagawa	_____	_____	
*	5,061,786	10/29/1991	Burnier	_____	_____	
*	5,106,954	04/21/1992	Fibi, et al	_____	_____	
*	5,143,854	09/01/1992	Pirrung, et al	_____	_____	
*	5,270,170	12/14/1993	Schatz, et al	_____	_____	
*	5,278,065	01/11/1994	D'Andrea	_____	_____	
*	5,322,837	06/21/1994	Hewick, et al	_____	_____	
*	5,369,014	11/29/1994	Brugnara, et al	_____	_____	
*	5,399,551	03/21/1995	Ise, et al	_____	_____	
*	5,424,186	06/13/1995	Fodor, et al	_____	_____	
*	5,432,018	07/11/1995	Dower, et al	_____	_____	
*	5,482,924	01/09/1996	Roy, et al	_____	_____	
*	5,770,358	06/23/1998	Dower, et al	_____	_____	
*	5,767,078	06/16/1998	Johnson et al	_____	_____	
*	5,773,569	06/30/1998	Wrighton, et al	_____	_____	
*	5,830,851	11/16/1998	Wrighton, et al	_____	_____	
/CMK/	5,986,047	11/29/1999	Wrighton, et al	_____	_____	

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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/CMK/	AU 712713	12/30/1996	Australia	_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
↓	CA 2,021,528	01/23/1991	Canada	_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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*	EP 0427189	05/15/1991	EP	_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	EP 0148605	07/17/1985	EP	_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 90/15070	12/1990		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 90/08822	08/09/1990		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 91/05867	05/22/1991		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 93/23550	11/25/1993		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 93/25221	12/23/1993		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 94/02611	02/03/1994		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 95/11987	05/04/1995		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 95/25746	09/28/1995		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
*	WO 96/40749	12/19/1996		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
↓	WO 96/40772	12/19/1996		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>
/CMK/	WO 01/38342	05/31/2001		_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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	FILING DATE 12/15/2003	GROUP 1656

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
/CMK/	Amagnostou, et al., "Erythropoietin has a mitogenic and positive chemotactic effect on endothelial cells", Proc. Natl. Acad. Sci. USA 87: 5978-5982, (1990)
/CMK/	Ando, et al., "Regulation of G1/S transition by cyclins D2 and D3 in hematopoietic cells", Proc. Natl. Acad. Sci. USA 90: 9571-9575, (1993)
*	Balasubramanian, et al., "A Potent synthetic Dimeric agonist of the Erythropoietin Receptor". Peptides: Frontiers of Peptide Science, Proceedings of the 15th American Peptide Symposium, 1696-1699, (1997)
/CMK/	Barker, et al., "Cyclic RGD Peptide Analogues as antiplatelet Antithrombotics", J. Med. Chem. 35: 2040-2048, (1992)
*	Bodonsky, et al., "Active Esters and Resins in Peptide Synthesis", Chem. Ind. 38:1597, (1996)
*	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science 247:1306-1310, (1990)
*	Branch, et al., "Identification of an Erythropoietin Sensitive Cell Line", Blood 69:1782-1785, (1987)
*	Caras, et al., "Signal Peptide for Protein Secretion Directing Glycophospholip Membran Anchor Attachment", Science 243:1196-1198, (1989)
*	Claus-Walker, et al., "Spinal Cord injury and Serum Erythropoietin", Arch. Phys. Med. Rehabil. 65:370-374, (1984)
*	Cotes, et al., "Changes in serum immunoreactive erythropoietin during the menstrual cycle and normal pregnancy", Brit. J. Obstetrics and Gynaecology, 90:305-311, (1983)
*	Cwirla, et al., "Peptides on phage: A vast library of peptides for identifying ligands", Proc. Nat. Acad. Sci. USA 87:6378-6382, (1990)
*	Dainak, et al., "Mechanisms of Abnormal Erythropoiesis in malignancy", Cancer 5, 1101-1106, (1983)
*	Dexter, et al., "Growth of Factor-Dependent Hematopoietic Precursor Cell Lines", J. Exp. Med. 152:1036-1047, (1980)
*	Dower, et al., "The search for Molecular Diversity (II): Recombinant and synthetic randomized Peptide libraries: Ann. Rep. Med. Chem. 26:271-280, (1991)
*	Dunn, et al., "Serum Erythropoietin Titers During Prolonged Bedrest: Relevance to the "Anaemia" of space flight", Eur. J. Appl. Physiol. 52: 178-182, (1984)
*	Dusanter-Fourt, et al., "Erythropoietin induces the tyrosine Phosphorylation of its own receptor in human Erythropoietin-responsive cells", J. Biol. Chem. 267:10670-10678, (1992)
*	Eschbach, et al., "Correction of the Anemia of End-Stage Renal Disease with Recombinant human erythropoietin", N. Eng. J. Med. 316: 73-78, (1987)
✓	Fodor, et al., "Light-Directed, Spatially addressable parallel chemical synthesis", Science, 251:767-773, (1991)
/CMK/	Graber, et al., "Erythropoietin and the control of red cell production", Ann. Rev. Med., 29:51-66, (1978)

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	APPLICANT Palani Balu	
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*/ /CMK/	Greenberger, et al., "Demonstration of permanent factor-dependent multipotential erythroid/neutrophil/basophil) hematopoietic progenitor cell lines", Proc. Natl. Acad. Sci. US 80:2931-2935, (1983)
*/	Haga, et al., "Plasma Erythropoietin Concentrations during the early Anemia of Prematurity", Acta Paediatr. Scand., 72: 827-831, (1983)
*/	Kaiho, et al., "Sensitive Assay Systems for Detection of Hemoglobin with 2,7-Diaminofluorence: Histochemistry and Colorimetry for Erythrodifferentiation", Anal. Biochem. 149:177-120, (1985)
*/	Kitamura, et al., "Identification and Analysis of Human Erythropoietin Receptors on a Faactor-Dependent Cell Line, TF-1", Blood 73(2):375-280, (1989)
*/	Krantz, et al., "Specific Binding of Erythropoietin to spleen cells infected with the anemia Strain of friend virus", Proc. Natl. Acad. Sci. USA 81:7574-7578, (1984)
*/	Krystal, Gerald "A Simple microassay for Erythropoietin based on H-thymidine Incorporation into Spleen calls from Phenylhydrazine Treated Mice", Exp. Hematol., 11(7):649-660, (1983)
*/	Konishi, et al., "Trophic effect of Erythropoietin and other hematopoietic factors on central cholinergic neurons in vitro in vivo", Brain Res., 609: 29-35, (1993)
*/	Landschulz, et al., "Erythropoietin receptors on murine erythroid colony-forming units: Natural History", Blood 73: 1476-1478, (1989)
*/	Leonard, et al., "Dynamics of GATA Transcript factor expression during erythroid differentiation", Blood, 82: 1071-1079, (1993)
*/	Lin, et al., "Expression of T Cell Antigen Receptor Heterodimers in a Lipid-Linked Form", Science, 249:677-679, (1990)
*/	Lipschitz, et al., "Effect of Age Hematopoiesis in Man", Blood, 63:502-509, (1983)
*/	Livnah, et al., "Functional Mimicry of a Protein Hormone by a Peptide Agonist: The Structure of the EPOR complex to 2.8 Å", Science 273:464-471, (1996)
*/	Mayeux, et al., "Murine erythroleukaemia cells (Friend cells) possess high-affinity binding sites for erythropoietin", FEBS Lett., 211: 229-233, (1987)
*/	Merrifield "Solid Phase Peptide Synthesis. The Synthesis of a Teterapeptide", J. Am. Chem. Soc., 85:2149, (1963)
*/	Miller, et al., "Plasma Levels of Immunoreactive Erythropoietin after acute blood loss in man", Brit. J. Haematol., 52: 545-590, (1982)
*/	Morgan and Gainor, et al., "Approaches to the discovery of non-peptide ligands for peptide receptors and peptidases", Ann. Rep. Med. Chem., 24:243-252, (1989)
*/	Mosmann "Rapid Colorimetric Assay for cellular growth and survival: Application to Proliferation and Cytotoxicity Assays", J. Immunol. Methods, 65:55, (1983)
*/ ↓	Mufson, et al., "Binding and Internalization of recombinant Human erythropoietin in Murine erythroid Precursors Cells", Blood, 69:1485-1490, (1987)
*/ /CMK/	Yat Su, et al., "Cysteine Alkylation in unprotected peptides: Synthesis of a Carbavasopressin analogue by Intramolecular Cysteine Alkylation", J. Org. Chem., 56:3146-3149, (1991)

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	FILING DATE 12/15/2003	GROUP 1656

/CMK/	Patel, et al., "Activation of two discrete signaling pathways by erythropoietin", J. boil. chem., 267:21300-21302, (1992)		
*	Pietta and Marshall, "Amide Protection and Amide supports in solid-phase peptide synthesis", Chem. Comm., 650		
/CMK/	Quelle, et al., Interleukin 3, Granulocyte Macrophage Colony-stimulating Factor, and Transfected Erythropoietin receptors mediate tyrosine phosphoryllation of a common cytosolic protein (pp 100) in FDC-ER Cells", j. Biol. Chem., 267:17055-17060, (1992)		
*	Quelle, et al., "Proliferative action of erythropoietin is associated with rapid protein tyrosine phosphorylation in responsive B6Sut.EP", J. Biol. Chem., 266:609-614, (1991)		
*	Sakaguchi, et al., "The Expression of Functional Erythropoietin receptors on an Interleukin-3 dependent Cell line", Biochem. biophys. Res. Commun., 146:7-12, (1987)		
*	Sasaki, et al., "Carbohydrate Structure of Erythropoietin expressed in Chinese hamster ovary cells by a human erythropoietin cDNA", J. Biol. Chem., 262:12059-12076, 1987		
*	Sawyer, et al., "Identification of the receptor for erythropoietin by cross-linking to friend virus-infected erythroid cells", Proc. Natl. Acad. Sci. USA, 84:3690-3694, 1987		
*	Sawyer, et al., "Binding and receptor-mediated endocytosis of erythropoietin in friend virus-infected erythroid cells", J. Biol. Chem., 262:5554-5562, 1987		
*	Schwartz, et al., "Severe Anemia as a manifestation of metastitic jugular paraganglioma", Arch. Otolaryngol. 109:269-272, 1983		
*	Stewart, et al., solid Phase peptide synthesis pierce chemical co., Rockford, III, Table of Contents		
*	Todokoro, et al., "Specific binding of erythropoietin to its receptor on responsive mouse erythroleukemic cells", Proc. Natl. Acad. Sci. USA, 84:4126-4130, 1988		
*	Udupa, et al., "Erythropoiesis in the aged mouse", J. Lab.Clin. Med., 103:581-588, 1984		
*	Vedovato, et al., "Erythropoietin levels in heterozygous beta-thalassemia", Acta. Haematol., 71:211-213, 1984		
*	Vichinsky, et al., "Inadequate erythroid response to hypoxia in cystic fibrosis", J. Pediatric., 105:15-21, 1984		
*	Weinstein, et al., Peptide backbone modifications: A structure-activity analysis of peptides containing amide bond surrogates, conformational constraints, and related modifications, Chemistry & Biochemistry of amino Acids, Peptides and Proteins Marcel-Dekker: New York, 7:267		
*	Wells, et al., "Hormone Mimicry", Science, 273:449-450, (1996)		
*	Willhuhn, et al., "JAK2 associates with the erythropoietin receptor and is tyrosine phosphorylated and activated following stimulation with Erythropoietin", Cell, 74:227-236, (1993)		
*	Worthington, et al., "Quantitation of Erythroid Differentiation in vitro using a sensitive colorimetric assay for Hemoglobin", Exp. Hematol., 15:85-92, 1987		
*	Wrighton, et al., "Small peptides as potent mimics of the protein hormone erythropoietin", Science, 458-464, (1996)		
/CMK/	Wrighton, et al., "Increased Potency of an erythropoietin peptide mimetic through covalent dimerization", Nature Biotechnology, 15:1261-1265, (1997)		
EXAMINER	/Chih-Min Kam/	DATE CONSIDERED	11/07/2007